From:	Jill Martin <jmartin@trumpnational.com>
Sent time:	08/13/2018 10:52:11 AM
To:	Zach Rehm (zach.rehm@coastal.ca.gov) <zach.rehm@coastal.ca.gov>; So Kim
Subject:	Trump LA - Lot D
Attachments:	2018.08.12.pdf

Good morning So and Zach,
Attached please find the updated landscape plan. Please let us know if you require anything additional.

Best regards,

Jill A. Martin
Vice President & Asst. Gen. Counsel
The Trump Organization
c/o Trump National Golf Club Los Angeles
One Trump National Dr.
Rancho Palos Verdes, CA 90275
Tel: 310-303-3225

TRUMP NATIONAL GOLF CLUB

LOT 'D' PRESERVATION AREA

R A N C H O P A L O S V E R D E S

WATER CONSERVATION STATEMENT

The Landscape and irrigation system for Trump National Golf Course 1 Acre Preservation Area has been designed with significant emphasis on water conservation. Plant species have been selected to adhere to a low water/drought tolerant palette consistent with a native plant community. The irrigation system is fully automatic and connected to an existing mainline and controller. Planting areas are designed to minimize overwatering, or other similar conditions where water flows onto adjacent areas not part of the irrigated area, such as adjacent property, walks, roadways, or structures. The irrigation system has been divided into hydrozones, so that plants with similar water requirements have been valved together.

AUDIT SCHEDULE

An Irrigation Audit for this project shall occur every five years.
Audit to be performed by State of California Certified Water Auditor
To be hired by the property owner.

PROJECT SITE:
Trump National Golf Course
Rancho Palos Verdes, California

PROJECT LOCATION:
Rancho Palos Verdes
County of Orange,California

LANDSCAPE ARCHITECT/IRRIGATION DESIGNER:
Stephen Wood
Landscape Architect, RLA 6244
4120 Rose Ave.
Long Beach, Ca 90807
(310)387-6729

WATER USE CALCULATIONS

HYDROZONE AREA A

HYDROZONE	HA	IRRIGATION VALVES	PLANT TYPE	PLANT FACTOR
HYDROZONE 1	5,422 SQ. FT.	A-3, A-7	SHRUBS	0.3
HYDROZONE 2	30,952 SQ. FT.	A-1, A-2, A-4-6, A-8	SHRUBS	0.2

TOTAL LANDSCAPE AREA: 30,952 SQ. FT.

MAXIMUM APPLIED WATER ALLOWANCE (MAWA)

MAWA = (ETo)(0.8)(LA) (0.62)

MAWA = MAXIMUM APPLIED WATER ALLOWANCE (GALLON PER YEAR)
ETo = REFERENCE EVAPOTRANSPIRATION (INCHES PER YEAR)
0.8 = ET ADJUSTMENT FACTOR
LA = LANDSCAPE AREA (SQUARE FEET)
0.62 = CONVERSION FACTOR (TO GALLONS PER SQUARE FEET)

MAWA = (46.30)(0.8)(30,952)(0.62)

MAWA = 710,807 GALLONS/ YEAR

ESTIMATED TOTAL WATER USE (ETWU)

ETWU (HYDROZONE) = [(ETo)(PF)(HA)(0.62)]/IE

ETWU = ESTIMATED TOTAL WATER USE (GALLONS PER YEAR)
ETo = REFERENCE EVAPOTRANSPIRATION (INCHES PER YEAR)
PF = PLANT FACTOR
HA = HYDROZONE AREA (SQUARE FEET)
0.62 = CONVERSION FACTOR
IE = IRRIGATION EFFICIENCY

RANCHO PALOS VERDES ETo = 46.30
LANDSCAPE AREA = 30,952 SQ. FT.

HYDROZONE 1
ETWU = [(46.30)(0.3)(5,422)(0.62)]/0.85

ETWU = 54,933 GALLONS PER YEAR

HYDROZONE 2
ETWU = [(46.30)(0.2)(25,530)(0.62)]/0.85

ETWU = 172,439 GALLONS PER YEAR

ESTIMATED TOTAL WATER USE = 227,372 GALLONS/YEAR

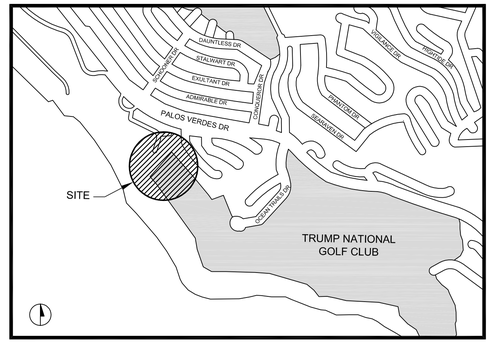
PLANTING LEGEND

SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE	WATER USE
	LUPINUS LONGIFLORUS	BUSH LUPINE	5 GAL @ 36" O.C.	VERY LOW
	LUPINUS SUCCULENTUS	ARROYO LUPINE	5 GAL @ 48" O.C.	VERY LOW
	ERIOGONUM CINEREUM	ASH BUCKWHEAT	5 GAL @ 36" O.C.	VERY LOW
	ENCELIA CALIFORNICA	BUSH SUNFLOWER	5 GAL @ 48" O.C.	LOW
	LUPINUS LONGIFLORUS	BUSH LUPINE	5 GAL @ 36" O.C.	VERY LOW
	MIMULUS LONGIFLORUS	MONKEY FLOWER	5 GAL @ 48" O.C.	VERY LOW
	SISYRINCHIUM BELLUM	BLUE EYED GRASS	5 GAL @ 48" O.C.	LOW

SHEET INDEX

L0.00 COVER SHEET
L1.00 PLANTING PLAN
L1.01 PLANTING PLAN
L1.02 PLANTING DETAILS
L2.00 IRRIGATION PLAN
L2.01 IRRIGATION PLAN
L2.02 IRRIGATION DETAILS

KEY MAP



NOT TO SCALE

DATE: 7/20/18
DESIGNED BY:
DRAWN BY: SW
CHECKED BY: SW
SCALE: 1"NO SCALE0"

LICENSED LANDSCAPE ARCHITECT — STEPHEN WOOD — Lic. No. 6244 — EXPIRATION DATE 05-05-19 — RENEWAL DATE 07-20-18 — DATE — STATE OF CALIFORNIA

STEPHEN WOOD
LANDSCAPE ARCHITECT
4120 ROSE AVE.
LONG BEACH, CA 90807
RLA 6244

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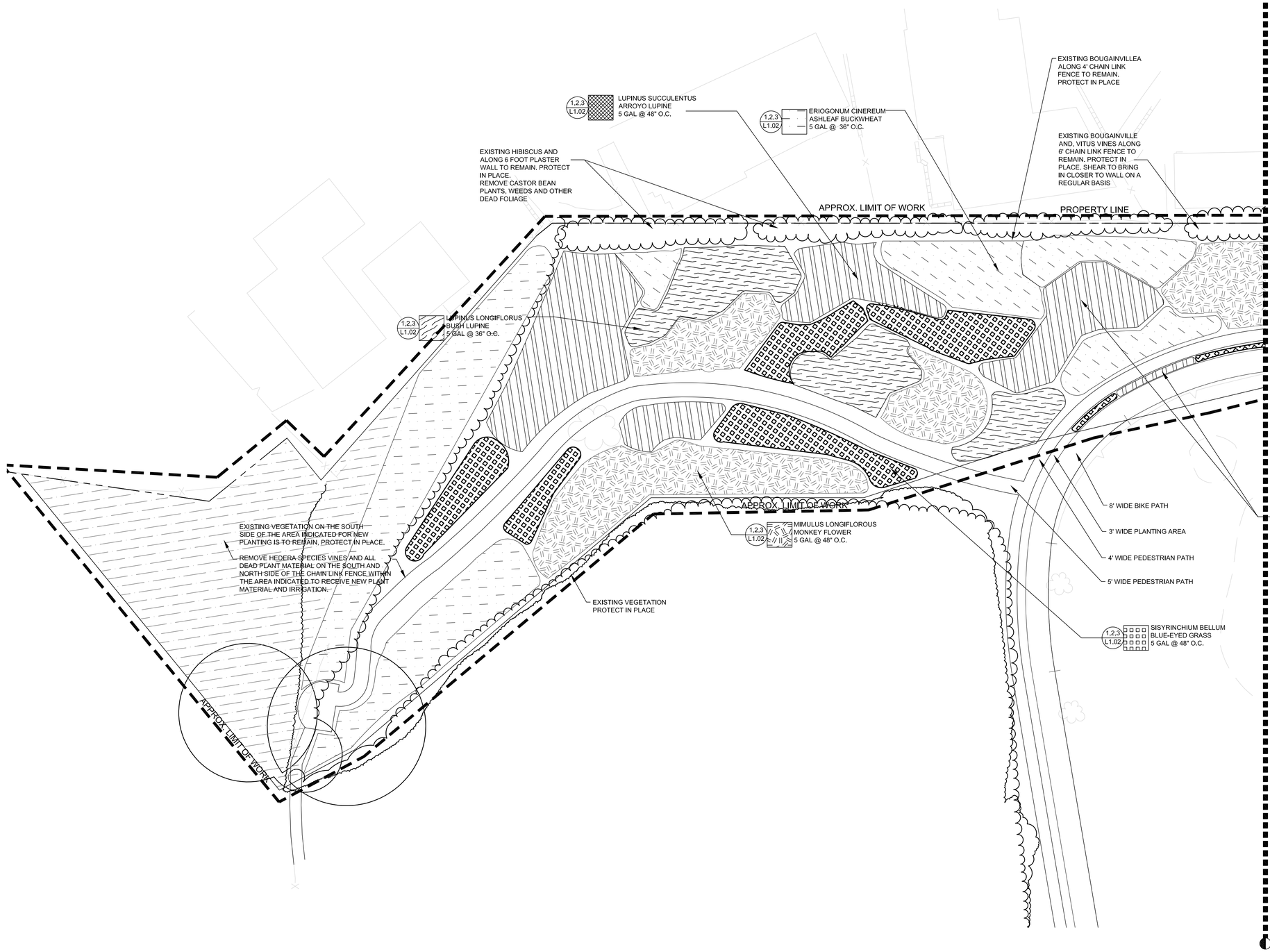
TRUMP NATIONAL GOLF CLUB
LOT 'D' PRESERVATION AREA
COVER SHEET

DRAWING L0.00
SHEET 1
OF 7

2018.08.12.pdf


1,2,3
L1.02
LUPINUS SUCCULENTUS
ARROYO LUPINE
5 GAL @ 48" O.C.
1,2,3
L1.02
ERIOGONUM CINEREUM
ASHLEAF BUCKWHEAT
5 GAL @ 36" O.C.
EXISTING BOUGAINVILLEA ALONG 4' CHAIN LINK FENCE TO REMAIN. PROTECT IN PLACE
EXISTING HIBISCUS AND ALONG 6 FOOT PLASTER WALL TO REMAIN. PROTECT IN PLACE. REMOVE CASTOR BEAN PLANTS, WEEDS AND OTHER DEAD FOLIAGE
EXISTING BOUGAINVILLE AND, VITUS VINES ALONG 6' CHAIN LINK FENCE TO REMAIN. PROTECT IN PLACE. SHEAR TO BRING IN CLOSER TO WALL ON A REGULAR BASIS
APPROX. LIMIT OF WORK
PROPERTY LINE
1,2,3
L1.02
LUPINUS LONGIFLORUS
BUSH LUPINE
5 GAL @ 36" O.C.
APPROX. LIMIT OF WORK
1,2,3
L1.02
MIMULUS LONGIFLOROUS
MONKEY FLOWER
5 GAL @ 48" O.C.
8' WIDE BIKE PATH
3' WIDE PLANTING AREA
4' WIDE PEDESTRIAN PATH
5' WIDE PEDESTRIAN PATH
1,2,3
L1.02
SISYRINCHIUM BELLUM
BLUE-EYED GRASS
5 GAL @ 48" O.C.
EXISTING VEGETATION ON THE SOUTH SIDE OF THE AREA INDICATED FOR NEW PLANTING IS TO REMAIN, PROTECT IN PLACE.
REMOVE HEDERA SPECIES VINES AND ALL DEAD PLANT MATERIAL ON THE SOUTH AND NORTH SIDE OF THE CHAIN LINK FENCE WITHIN THE AREA INDICATED TO RECEIVE NEW PLANT MATERIAL AND IRRIGATION.
EXISTING VEGETATION PROTECT IN PLACE
APPROX. LIMIT OF WORK
1,2,3
L1.02
ENCELIA CALIFORNICA
BUSH SUNFLOWER
5 GAL @ 48" O.C.
MATCHLINE SHEET L1.01

DETAIL REFERENCE — 1 / L3.8 — PAGE NUMBER

HEMEROCALLIS HYBRID — *PLANT BOTANICAL NAME*
DAYLILY
5 GAL. AT 24" O.C. — *SIZE & SPACING*
20 REQUIRED THIS SHEET — *QUANTITY PER SHEET*

PLANTING NOTES

1. PLANT MATERIAL SYMBOLS SHOWN ON THESE PLANS ARE TYPICAL THROUGHOUT DRAWING SET. EACH SHEET CONTAINS A PLANT CALLOUT TO THE SPECIFIC PLANT SYMBOL.
2. QUANTITIES GIVEN FOR PLANT MATERIALS SPECIFIED FOR "ON CENTER" SPACING ARE SHOWN FOR CONVENIENCE ONLY AND ARE SUBORDINATE TO THE SPACING GIVEN. CHECK AND SUPPLY SUFFICIENT NUMBER OF PLANTS TO FULFILL SPACING REQUIREMENTS.
3. ALL PLANT MATERIAL TO BE INSTALLED IN ACCORDANCE WITH SPECIFICATIONS AND CONSTRUCTION DETAILS.
4. IN SOME CASES, PLANTING SYMBOLS MAY BE SHOWN IN AREAS WHERE ABOVE GRADE UTILITIES INTERFERE OR ALTER THE DESIRED SPACING AND/OR PATTERN. CONTRACTOR TO REVIEW AREAS WITH LANDSCAPE ARCHITECT PRIOR TO PLANTING MATERIAL.
5. LANDSCAPE ARCHITECT SHALL REVIEW ARRANGEMENT AND LAYOUT OF MATERIAL IN FIELD PRIOR TO PLANTING.
6. TOPDRESS ALL AREA WITHIN THE LIMIT OF WORKLINE (EXCLUDING PATH) WITH A 3" LAYER OF ½" - 2" MATURE, COMPOSTED MULCH. SUBMIT SAMPLES FOR REVIEW AND APPROVAL.
7. REMOVE ALL WEED GROWTH AND DEAD PLANT MATERIAL FROM LOT 'D' AND DISPOSE OF OFF SITE. REMOVE SQUASH PLANTS, ALL HEDERA SPECIES (ENGLISH IVY), BOSTON IVY AND CASTOR BEAN FROM LOT 'D' AND ALONG THE STACKED STONE RETAINING WALL.
8. LANDSCAPING WITHIN ALL COMMON AREAS SHALL BE PLANTED IN SUCH A MANNER SO THAT VIEWS FROM ADJACENT PROPERTIES AND ANY PUBLIC RIGHT-OF-WAY ARE NOT AFFECTED AND SO THAT SOLAR ACCESS TO ALL DWELLING UNITS IS PROTECTED.
9. WHILE SOME EXISTING VEGETATION AROUND THE PERIMETER WILL BE RETAINED, NATIVE VEGETATION WILL BE PLANTED TO PROVIDE A CONTINUOUS PLANTING AREA WITH NO GAPS OR LARGE VOID AREAS WHEN GROWN IN..

0 10 20 40 80
SCALE: 1" = 20'-0"

DATE: 7/20/18
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4120 ROSE AVE.
LONG BEACH, CA 90807
RLA 6244

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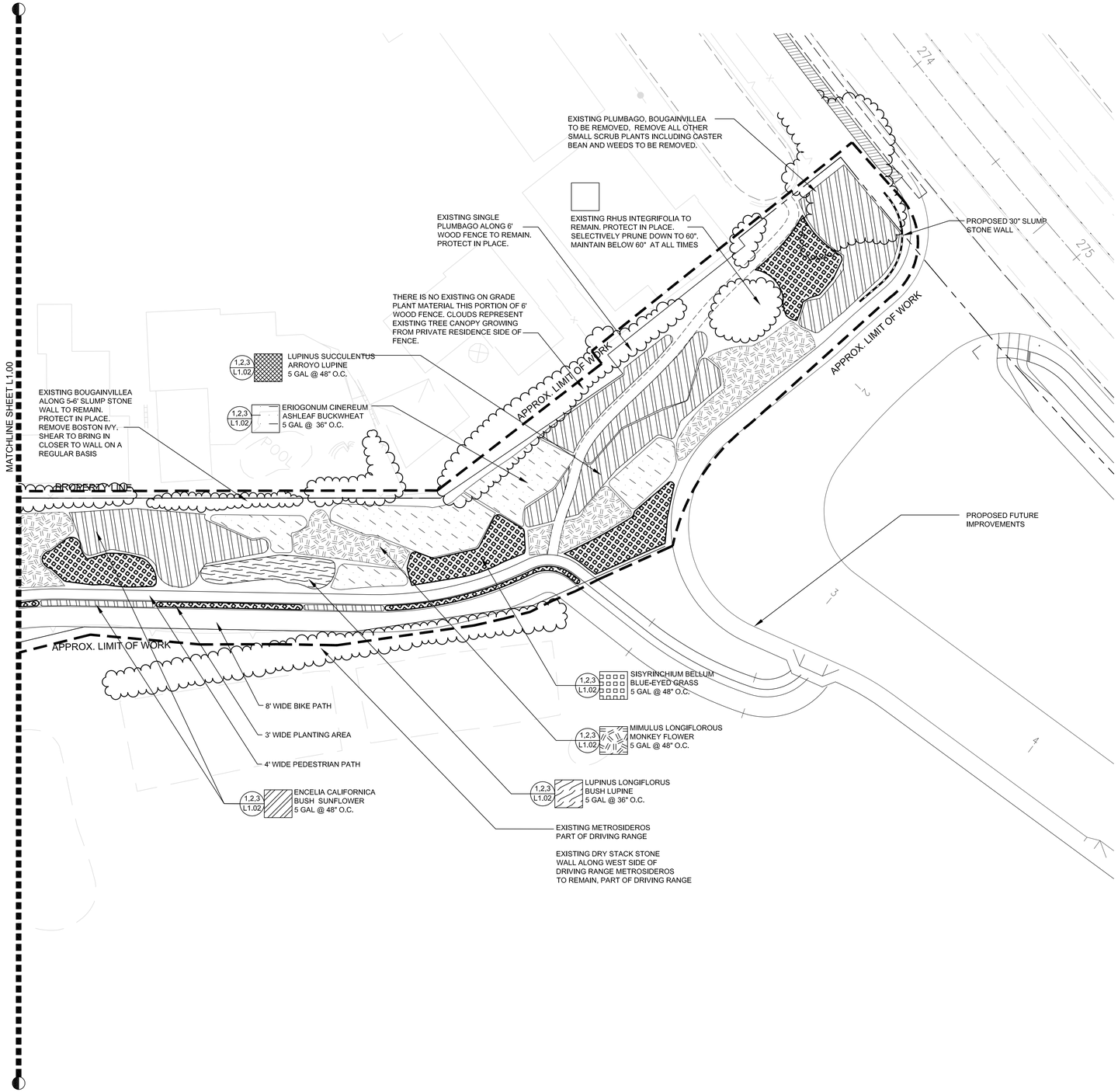
TRUMP NATIONAL GOLF CLUB
LOT 'D' PRESERVATION AREA

PLANTING PLAN

DRAWING L1.00
SHEET 2
OF 7

2018.08.12.pdf


MATCHLINE SHEET L1.00
EXISTING BOUGAINVILLEA ALONG 5-6' SLUMP STONE WALL TO REMAIN. PROTECT IN PLACE. REMOVE BOSTON IVY. SHEAR TO BRING IN CLOSER TO WALL ON A REGULAR BASIS
PROPERTY LINE
APPROX. LIMIT OF WORK
EXISTING PLUMBAGO, BOUGAINVILLEA TO BE REMOVED, REMOVE ALL OTHER SMALL SCRUB PLANTS INCLUDING CASTER BEAN AND WEEDS TO BE REMOVED.
EXISTING SINGLE PLUMBAGO ALONG 6' WOOD FENCE TO REMAIN. PROTECT IN PLACE.
EXISTING RHUS INTEGRIFOLIA TO REMAIN. PROTECT IN PLACE. SELECTIVELY PRUNE DOWN TO 60". MAINTAIN BELOW 60" AT ALL TIMES
THERE IS NO EXISTING ON GRADE PLANT MATERIAL THIS PORTION OF 6' WOOD FENCE. CLOUDS REPRESENT EXISTING TREE CANOPY GROWING FROM PRIVATE RESIDENCE SIDE OF FENCE.
PROPOSED 30" SLUMP STONE WALL
APPROX. LIMIT OF WORK
PROPOSED FUTURE IMPROVEMENTS
1,2,3 L1.02 LUPINUS SUCCULENTUS ARROYO LUPINE 5 GAL @ 48" O.C.
1,2,3 L1.02 ERIOGONUM CINEREUM ASHLEAF BUCKWHEAT 5 GAL @ 36" O.C.
8' WIDE BIKE PATH
3' WIDE PLANTING AREA
4' WIDE PEDESTRIAN PATH
1,2,3 L1.02 ENCELIA CALIFORNICA BUSH SUNFLOWER 5 GAL @ 48" O.C.
1,2,3 L1.02 SISYRINCHIUM BELLUM BLUE-EYED GRASS 5 GAL @ 48" O.C.
1,2,3 L1.02 MIMULUS LONGIFLOROUS MONKEY FLOWER 5 GAL @ 48" O.C.
1,2,3 L1.02 LUPINUS LONGIFLORUS BUSH LUPINE 5 GAL @ 36" O.C.
EXISTING METROSIDEROS PART OF DRIVING RANGE
EXISTING DRY STACK STONE WALL ALONG WEST SIDE OF DRIVING RANGE METROSIDEROS TO REMAIN, PART OF DRIVING RANGE
274
275

DETAIL REFERENCE — 1 / L3.8 — PAGE NUMBER

HEMEROCALLIS HYBRID — PLANT BOTANICAL NAME
DAYLILY
5 GAL. AT 24" O.C. — SIZE & SPACING
20 REQUIRED THIS SHEET — QUANTITY PER SHEET

PLANTING NOTES

1. PLANT MATERIAL SYMBOLS SHOWN ON THESE PLANS ARE TYPICAL THROUGHOUT DRAWING SET. EACH SHEET CONTAINS A PLANT CALLOUT TO THE SPECIFIC PLANT SYMBOL.
2. QUANTITIES GIVEN FOR PLANT MATERIALS SPECIFIED FOR "ON CENTER" SPACING ARE SHOWN FOR CONVENIENCE ONLY AND ARE SUBORDINATE TO THE SPACING GIVEN. CHECK AND SUPPLY SUFFICIENT NUMBER OF PLANTS TO FULFILL SPACING REQUIREMENTS.
3. ALL PLANT MATERIAL TO BE INSTALLED IN ACCORDANCE WITH SPECIFICATIONS AND CONSTRUCTION DETAILS.
4. IN SOME CASES, PLANTING SYMBOLS MAY BE SHOWN IN AREAS WHERE ABOVE GRADE UTILITIES INTERFERE OR ALTER THE DESIRED SPACING AND/OR PATTERN. CONTRACTOR TO REVIEW AREAS WITH LANDSCAPE ARCHITECT PRIOR TO PLANTING MATERIAL.
5. LANDSCAPE ARCHITECT SHALL REVIEW ARRANGEMENT AND LAYOUT OF MATERIAL IN FIELD PRIOR TO PLANTING.
6. TOPDRESS ALL AREA WITHIN THE LIMIT OF WORKLINE (EXCLUDING PATH) WITH A 3" LAYER OF ¾" - 2" MATURE, COMPOSTED MULCH. SUBMIT SAMPLES FOR REVIEW AND APPROVAL.
7. REMOVE ALL WEED GROWTH AND DEAD PLANT MATERIAL FROM LOT 'D' AND DISPOSE OF OFF SITE. REMOVE SQUASH PLANTS, ALL HEDERA SPECIES (ENGLISH IVY), BOSTON IVY AND CASTOR BEAN FROM LOT 'D' AND ALONG THE STACKED STONE RETAINING WALL.
8. LANDSCAPING WITHIN ALL COMMON AREAS SHALL BE PLANTED IN SUCH A MANNER SO THAT VIEWS FROM ADJACENT PROPERTIES AND ANY PUBLIC RIGHT-OF-WAY ARE NOT AFFECTED AND SO THAT SOLAR ACCESS TO ALL DWELLING UNITS IS PROTECTED.
9. WHILE SOME EXISTING VEGETATION AROUND THE PERIMETER WILL BE RETAINED, NATIVE VEGETATION WILL BE PLANTED TO PROVIDE A CONTINUOUS PLANTING AREA WITH NO GAPS OR LARGE VOID AREAS WHEN GROWN IN..

N

0 10 20 40 80

SCALE: 1" = 20'-0"

DATE: 7/20/18
DESIGNED BY:
DRAWN BY: SW
CHECKED BY: SW
SCALE: 1" = 20' -0"

LICENSED LANDSCAPE ARCHITECT — STEPHEN WOOD — Lic. No. 6244 — SIGNATURE 05-05-19 — RENEWAL DATE 07-20-18 — DATE — STATE OF CALIFORNIA

STEPHEN WOOD
LANDSCAPE ARCHITECT
4120 ROSE AVE.
LONG BEACH, CA 90807
RLA 6244

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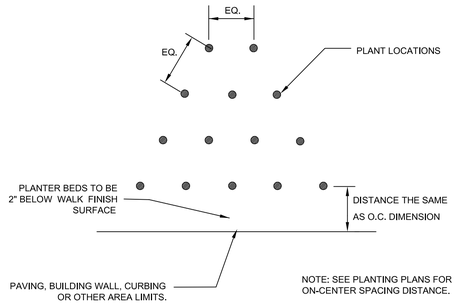
TRUMP NATIONAL GOLF CLUB
LOT 'D' PRESERVATION AREA

PLANTING PLAN

DRAWING L1.01
SHEET 3
OF 7

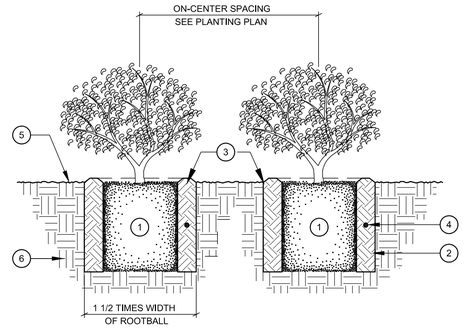
2018.08.12.pdf


EQ.
EQ.
PLANT LOCATIONS
PLANTER BEDS TO BE 2" BELOW WALK FINISH SURFACE
DISTANCE THE SAME AS O.C. DIMENSION
PAVING, BUILDING WALL, CURBING OR OTHER AREA LIMITS.
NOTE: SEE PLANTING PLANS FOR ON-CENTER SPACING DISTANCE.

GROUNDCOVER SPACING DETAIL

SCALE: NO SCALE

3



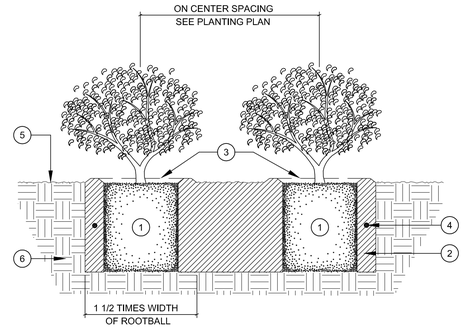
1. ROOTBALL
2. BACKFILL MIX: 2/3 SITE SOIL 1/3 ORGANIC AMENDMENTS SEE SPECIFICATIONS
3. WATERING BASIN
4. PLANT FERTILIZER TABLETS SEE SPECIFICATIONS
5. FINISH GRADE
6. SITE SOIL

NOTE: KEEP TOP OF ROOTBALL AND TOP OF FINISH GRADE AT SAME LEVEL.

SHRUB PLANTING DETAIL

SCALE: 1" = 1'-0"

1



1. ROOTBALL
2. BACKFILL MIX (CONTINUOUS BETWEEN ROOTBALLS) 2/3 SITE SOIL 1/3 ORGANIC AMENDMENT
3. WATERING BASIN
4. PLANT FERTILIZER TABLETS SEE SPECIFICATIONS
5. FINISH GRADE
6. SITE SOIL

NOTE: KEEP TOP OF ROOTBALL AT FINISH GRADE OR 1/2" ABOVE.

SHRUB MASS PLANTING DETAIL

SCALE: 1" = 1'-0"

2

DATE: 7/20/18

DESIGNED BY: _____

DRAWN BY: SW

CHECKED BY: SW

SCALE: ~~1"AS SHOWN~~"

LICENSED LANDSCAPE ARCHITECT
STEPHEN WOOD
Lic. No. 6244
SIGNATURE
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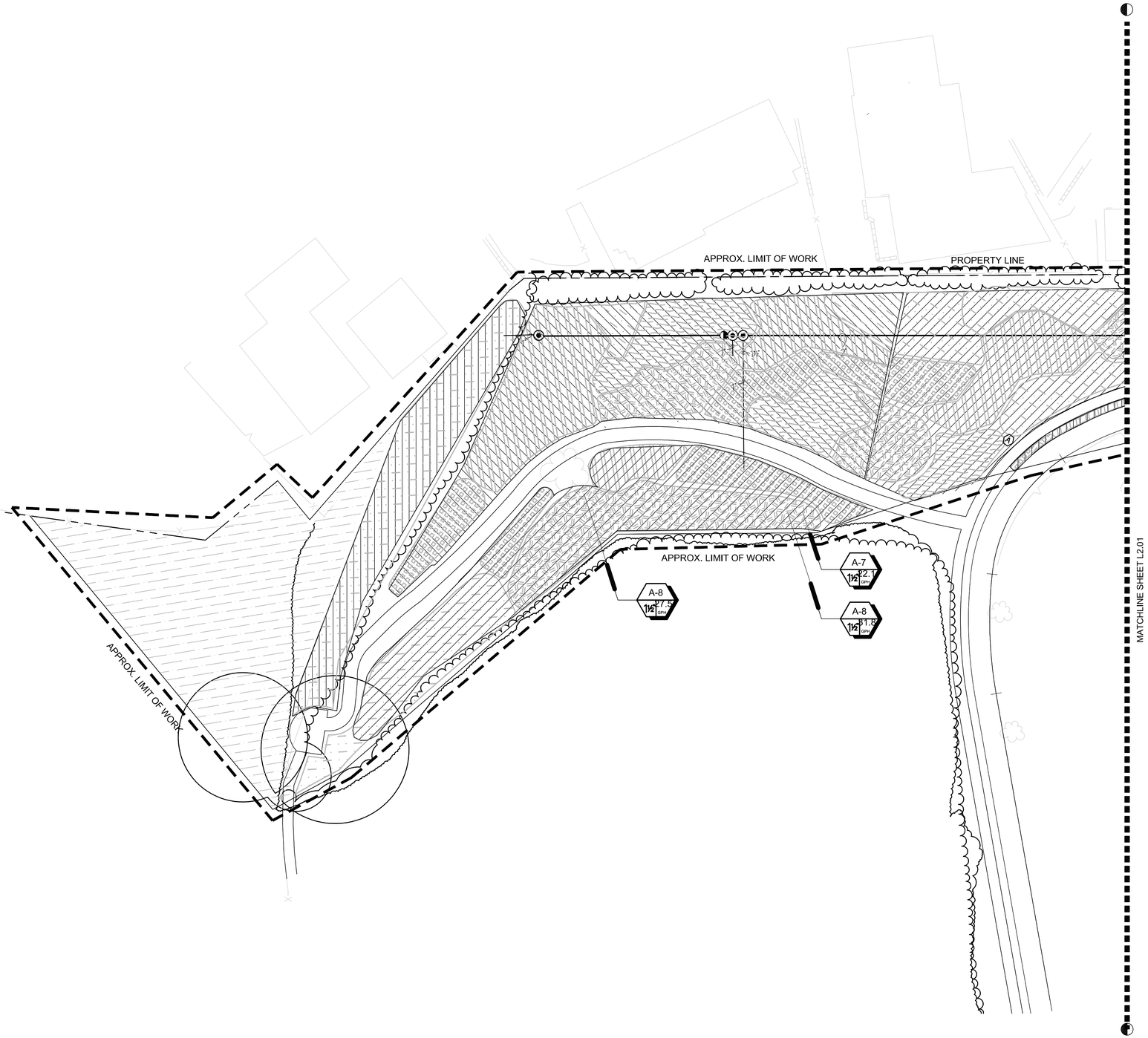
TRUMP NATIONAL GOLF CLUB
LOT 'D' PRESERVATION AREA

PLANTING DETAILS

DRAWING: L1.02

SHEET 4 OF 7

2018.08.12.pdf



IRRIGATION NOTES

1. INSTALL ALL PRESSURE AND NON-PRESSURE LINES AND ANY EQUIPMENT INSIDE PLANTING AREAS WHEREVER POSSIBLE. (ITEMS SHOWN OUTSIDE SUCH AREAS FOR PURPOSE OF CLARITY ONLY.)
2. ALL EQUIPMENT SHALL BE SELECTED AND INSTALLED IN ACCORDANCE WITH SPECIFICATIONS AND CONSTRUCTION DETAILS. SEE SHEET NO. L2.02
3. FOR SYMBOL DESIGNATIONS, SEE LEGEND ON SHEET NO. L2.01
4. ALL PIPE UNDER PAVED AREAS TO BE INSTALLED IN A SCH. 40 SLEEVE TWICE THE DIAMETER OF THE PIPE CARRIED. ALL WIRE UNDER PAVED AREAS TO BE INSTALLED IN SCH. 40 SLEEVE THE SIZE REQUIRED TO EASILY PULL WIRE THROUGH. ALL SLEEVES TO BE INSTALLED WITH A MINIMUM DEPTH AS SHOWN ON THE SLEEVING DETAIL. SLEEVES TO EXTEND AT LEAST 12" PAST THE EDGE OF PAVING.
5. ALL SPRAY HEADS ARE TO BE INSTALLED WITH THE NOZZLE, SCREEN AND ARCS SHOWN ON THE PLANS. ALL HEADS ARE TO BE ADJUSTED TO PREVENT OVERSPRAY ONTO BUILDING, WALLS, FENCES AND HARDSCAPE. THIS INCLUDES, BUT IS NOT LIMITED TO, ADJUSTMENT OF DIFFUSER PIN OR ADJUSTMENT SCREW, REPLACEMENT OF PRESSURE COMPENSATING SCREENS, REPLACEMENT OF NOZZLES WITH MORE APPROPRIATE RADIUS UNITS AND THE REPLACEMENT OF NOZZLES WITH ADJUSTABLE ARC UNITS.
6. AREAS THAT NEED TO BE DEFINED IN ORDER TO DETERMINE EXACT LOCATION OF SPRINKLER HEADS ARE THE RESPONSIBILITY OF THE INSTALLING CONTRACTOR TO SEE THAT THEY ARE DEFINED PRIOR TO INSTALLATION.
7. AS-BUILT DRAWINGS AND SPECIFICATIONS SHALL BE MAINTAINED ON SITE AT ALL TIMES. AS-BUILT DRAWINGS SHALL BE UPDATED IMMEDIATELY AS REQUIRED. NO SITE REVIEWS ARE TO BE CONDUCTED WITHOUT THESE DRAWINGS.
8. AREAS RECEIVING AN IRRIGATION SYSTEM SHALL BE REVIEWED AND VERIFIED BY THE INSTALLING CONTRACTOR FOR ACCURACY OF SIZE AND CONFIGURATION. IF DISCREPANCIES ARE FOUND THAT WOULD PROVE DETRIMENTAL TO FINAL COVERAGE, THIS SHALL BE BROUGHT TO THE OWNER'S ATTENTION BEFORE INSTALLATION. BY FAILING TO DO SO, THE CONTRACTOR MAY BE RESPONSIBLE FOR ANY ADJUSTMENTS REQUIRED.
9. IRRIGATION CONTRACTOR TO REVIEW PROJECT LIMIT OF WORK PRIOR TO START OF CONSTRUCTION. IN THE EVENT THAT ANY OVERLAP OCCURS, IE. EQUIPMENT FROM AN EXISTING IRRIGATION SYSTEM DESIGNATED TO REMAIN CROSSES OVER INTO AN AREA OF NEW IRRIGATION; CONTRACTOR IS RESPONSIBLE FOR CUTTING AND CAPPING EXISTING SYSTEM AS REQUIRED. FURTHERMORE, CONTRACTOR MAY BE RESPONSIBLE FOR RELOCATING OR REPAIRING ANY EQUIPMENT THAT WOULD BE DISPLACED BY THE NEW CONSTRUCTION THAT IS REQUIRED TO KEEP EXISTING IRRIGATION OUTSIDE THE LIMIT OF WORK IN OPERATION.

PIPE SIZING NOTES

1. REFER TO IRRIGATION HEAD LEGEND ON SHEET L2.01 FOR GPM OF HEADS.
2. CONTRACTOR TO DETERMINE PIPE SIZING WHERE SYMBOLS ARE NOT SHOWN. SEE ADJACENT SIZING CHART
3. ALL LATERAL LINE PIPE DOWNSTREAM OF A 3/4" SIZED PIPE IS ALSO 3/4".
4. ALL UNSIZED RUNS OF LATERAL LINE PIPE SERVING THREE OR FEWER SPRAY HEADS SHALL BE SIZED 3/4".

SIZING CHART

PVC	SYMBOL	GPM
3/4 "	¾"	0-8
1"	1"	8-13
1 1/4 "	1¼"	13-23
1 1/2 "	1½"	23-32
2"	2"	32-53
2 1/2 "	2½"	53-74
3"	3"	74-116

0 10 20 40 80

SCALE: 1" = 20'-0"

DATE: 7/20/18
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TRUMP NATIONAL GOLF CLUB
LOT 'D' PRESERVATION AREA

IRRIGATION PLAN

DRAWING L2.00
SHEET 5
OF 7

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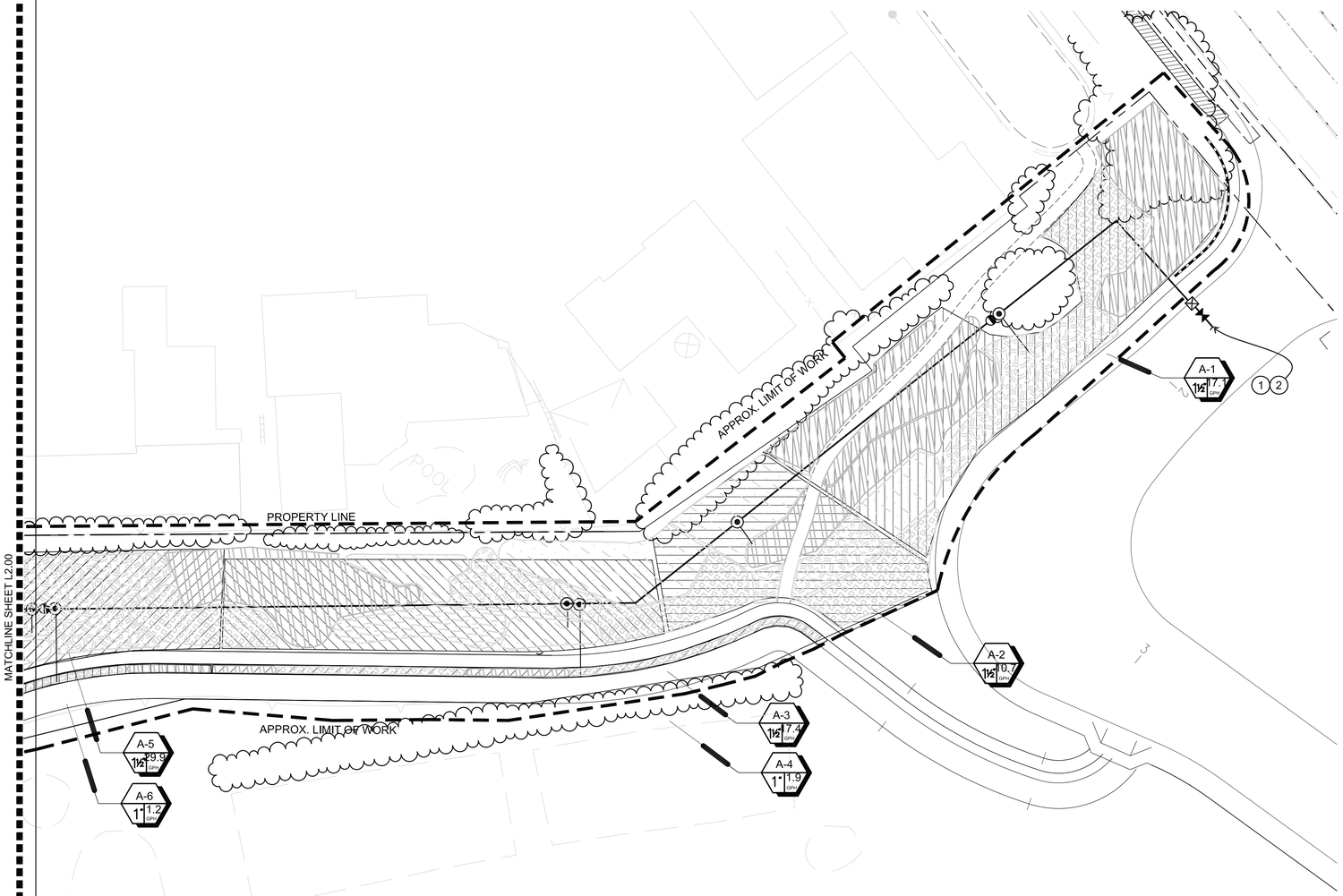


IRRIGATION NOTES

1. INSTALL ALL PRESSURE AND NON-PRESSURE LINES AND ANY EQUIPMENT INSIDE PLANTING AREAS WHEREVER POSSIBLE. (ITEMS SHOWN OUTSIDE SUCH AREAS FOR PURPOSE OF CLARITY ONLY.)
2. ALL EQUIPMENT SHALL BE SELECTED AND INSTALLED IN ACCORDANCE WITH SPECIFICATIONS AND CONSTRUCTION DETAILS. SEE SHEET NO. L2.02
3. FOR SYMBOL DESIGNATIONS, SEE LEGEND ON SHEET NO. L2.01
4. ALL PIPE UNDER PAVED AREAS TO BE INSTALLED IN A SCH. 40 SLEEVE TWICE THE DIAMETER OF THE PIPE CARRIED. ALL WIRE UNDER PAVED AREAS TO BE INSTALLED IN SCH. 40 SLEEVE THE SIZE REQUIRED TO EASILY PULL WIRE THROUGH. ALL SLEEVES TO BE INSTALLED WITH A MINIMUM DEPTH AS SHOWN ON THE SLEEVING DETAIL. SLEEVES TO EXTEND AT LEAST 12" PAST THE EDGE OF PAVING.
5. ALL SPRAY HEADS ARE TO BE INSTALLED WITH THE NOZZLE, SCREEN AND ARCS SHOWN ON THE PLANS. ALL HEADS ARE TO BE ADJUSTED TO PREVENT OVERSPRAY ONTO BUILDING, WALLS, FENCES AND HARDSCAPE. THIS INCLUDES, BUT IS NOT LIMITED TO, ADJUSTMENT OF DIFFUSER PIN OR ADJUSTMENT SCREW, REPLACEMENT OF PRESSURE COMPENSATING SCREENS, REPLACEMENT OF NOZZLES WITH MORE APPROPRIATE RADIUS UNITS AND THE REPLACEMENT OF NOZZLES WITH ADJUSTABLE ARC UNITS.
6. AREAS THAT NEED TO BE DEFINED IN ORDER TO DETERMINE EXACT LOCATION OF SPRINKLER HEADS ARE THE RESPONSIBILITY OF THE INSTALLING CONTRACTOR TO SEE THAT THEY ARE DEFINED PRIOR TO INSTALLATION.
7. AS-BUILT DRAWINGS AND SPECIFICATIONS SHALL BE MAINTAINED ON SITE AT ALL TIMES. AS-BUILT DRAWINGS SHALL BE UPDATED IMMEDIATELY AS REQUIRED. NO SITE REVIEWS ARE TO BE CONDUCTED WITHOUT THESE DRAWINGS.
8. AREAS RECEIVING AN IRRIGATION SYSTEM SHALL BE REVIEWED AND VERIFIED BY THE INSTALLING CONTRACTOR FOR ACCURACY OF SIZE AND CONFIGURATION. IF DISCREPANCIES ARE FOUND THAT WOULD PROVE DETRIMENTAL TO FINAL COVERAGE, THIS SHALL BE BROUGHT TO THE OWNER'S ATTENTION BEFORE INSTALLATION. BY FAILING TO DO SO, THE CONTRACTOR MAY BE RESPONSIBLE FOR ANY ADJUSTMENTS REQUIRED.
9. IRRIGATION CONTRACTOR TO REVIEW PROJECT LIMIT OF WORK PRIOR TO START OF CONSTRUCTION. IN THE EVENT THAT ANY OVERLAP OCCURS, IE. EQUIPMENT FROM AN EXISTING IRRIGATION SYSTEM DESIGNATED TO REMAIN CROSSES OVER INTO AN AREA OF NEW IRRIGATION; CONTRACTOR IS RESPONSIBLE FOR CUTTING AND CAPPING EXISTING SYSTEM AS REQUIRED. FURTHERMORE, CONTRACTOR MAY BE RESPONSIBLE FOR RELOCATING OR REPAIRING ANY EQUIPMENT THAT WOULD BE DISPLACED BY THE NEW CONSTRUCTION THAT IS REQUIRED TO KEEP EXISTING IRRIGATION OUTSIDE THE LIMIT OF WORK IN OPERATION.

GENERAL LEGEND

SYMBOL	DESCRIPTION	MANUFACTURER & PART NUMBER	REFERENCE
———	PRESSURE SUPPLY LINES & SIZE (1 1/2" AND SMALLER)	SCHEDULE 40 P.V.C.	SPECIFICATIONS
2" ———	PRESSURE SUPPLY LINES & SIZE (2" AND LARGER)	CLASS 315 P.V.C.	SPECIFICATIONS
	NON-PRESSURE LATERAL LINE & SIZE	SCHEDULE 40 P.V.C.	SPECIFICATIONS
- - - - -	SLEEVE & SIZE (2" AND LARGER)	CLASS 200 P.V.C.	DET. 2, SHT. L2.02
A1 1" 22 GPM	CONTROLLER SEQUENCE GALLONS PER MINUTE (GPM) REMOTE CONTROL VALVE SIZE		
⦿	REMOTE CONTROL VALVE (1" , 1 ½" & 2")	RAINBIRD PEB SERIES DRIP ASSEMBLY VALVE	DET. 1, SHT. L2.02
◑	QUICK COUPLING VALVE	RAINBIRD 33 DRC	DET. 6, SHT. L2.02
⋈	BALL VALVES/GATE VALVES (LINE SIZE)	HAMMOND 8901 BRASS SERIES	DET. 5, SHT. L2.02
⊠	NORMALLY CLOSED MASTER VALVE 2"	GRISWOLD OR EQUAL (RAIN BIRD)	

DRIP EMITTER LEGEND

DESCRIPTION	PSI	GPH	MFG.	BODY	REMARKS	DETAIL
XB-20-C-1032: RED, 2.0 GPH (Y.56l/h)	15-50	2	RAINBIRD	FLEX RISER	SHRUBS	DET. 6, SHT. L2.02

CONSTRUCTION NOTES

1. POINT OF CONNECTION TO EXISTING 4" IRRIGATION METER. VERIFY LOCATION IN FIELD. ADD A 2" FEBCO 825YA BACKFLOW TO MAINLINE AND TEE OFF FOR IRRIGATION WATER TO LOT D. CONTRACTOR TO LOCATE WITHIN ADJACENT PLANTED AREAS WHERE POSSIBLE. ADD NORMALLY CLOSED MASTER VALVE AND CONNECT TO NEW CONTROLLER.
2. CONNECT NEW VALVES TO NEW SOLAR CONTROLLER.
3. CONTRACTOR TO LAYOUT ALL PLANT MATERIAL IN THE AREAS SHOWN AND AT THE SPACING SHOWN. THEN LAYOUT THE IRRIGATION ZONES, PVC LATERALS AND DRIP EMITTERS IN THE AREAS SHOWN.
4. LOCATION OF MAINLINE AND VALVES ARE SHOWN DIAGRAMMATICALLY FOR CLARITY. INSTALL ALONG WEST SIDE OF PEDESTRIAN PATH FOR EASE OF ACCESS.

PIPE SIZING NOTES

1. REFER TO IRRIGATION HEAD LEGEND ON SHEET L2.01 FOR GPM OF HEADS.
2. CONTRACTOR TO DETERMINE PIPE SIZING WHERE SYMBOLS ARE NOT SHOWN. SEE ADJACENT SIZING CHART
3. ALL LATERAL LINE PIPE DOWNSTREAM OF A 3/4" SIZED PIPE IS ALSO 3/4".
4. ALL UNSIZED RUNS OF LATERAL LINE PIPE SERVING THREE OR FEWER SPRAY HEADS SHALL BE SIZED 3/4".

SIZING CHART

PVC	SYMBOL	GPM
3/4 "	———	0-8
1"	1"	8-13
1 1/4 "	———	13-23
1 1/2 "	———	23-32
2"	2"	32-53
2 1/2 "	———	53-74
3"	3"	74-116

0 10 20 40 80
SCALE: 1" = 20'-0"

DATE: 7/20/18
DESIGNED BY: ____
DRAWN BY: SW
CHECKED BY: SW
SCALE: 1" = 20' -0"

LICENSED LANDSCAPE ARCHITECT
STEPHEN WOOD
Lic. No. 6244
SIGNATURE 05-05-19
RENEWAL DATE 07-20-18
DATE
STATE OF CALIFORNIA

STEPHEN WOOD
LANDSCAPE ARCHITECT
4120 ROSE AVE.
LONG BEACH, CA 90807
RLA 6244

REVISIONS

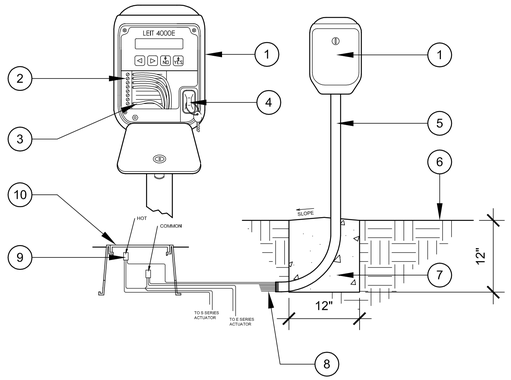
NO.	BY	DATE	REMARKS
1		7/23/18	CITY SUBMITTAL
2		8/02/18	CITY SUBMITTAL
3		8/12/18	CITY SUBMITTAL

TRUMP NATIONAL GOLF CLUB
LOT 'D' PRESERVATION AREA

IRRIGATION PLAN

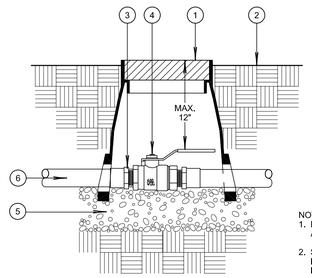
DRAWING L2.01
SHEET 6
OF 7

2018.08.12.pdf



1. AMBIENT LIGHT POWERED CONTROLLER
2. TERMINAL STRIP
3. 12 OR 14 GUAGE WIRE
4. PROGRAMMING KEY
5. 35" STEEL MOUNTING COLUMN
6. FINISH GRADE
7. POURED CONCRETE BASE/FOOTING 1-1/2 CU.FT.
8. DIRECT BURIAL CONTROL WIRES TO SPLICE BOX
9. (2) DRY SPLICE CONNECTORS.
10. IRRIGATION JUNCTION BOX

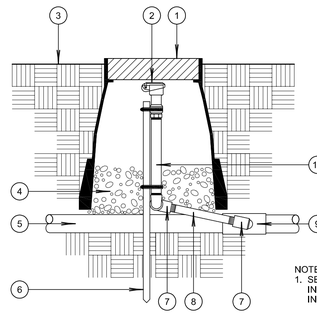
LEIT SOLOR CONTROLLER — SCALE NTS — 7



1. ROUND PLASTIC BOX & COVER W/ LOCK TOP MARKED: B.V.
2. FINISH GRADE
3. PVC MALE ADAPTOR
4. BALL VALVE
5. 3/4" PEA GRAVEL (MIN. 6" DEPTH)
6. PVC SUPPLY LINE

NOTES:
1. BALL VALVE SHALL BE INSTALLED IN SHRUB AREAS UNLESS OTHERWISE APPROVED.
2. SET VALVE BOX FLUSH WITH FINISH GRADE IN TURF AREAS. SET 2" ABOVE FINISH GRADE IN GROUNDCOVER AREAS.

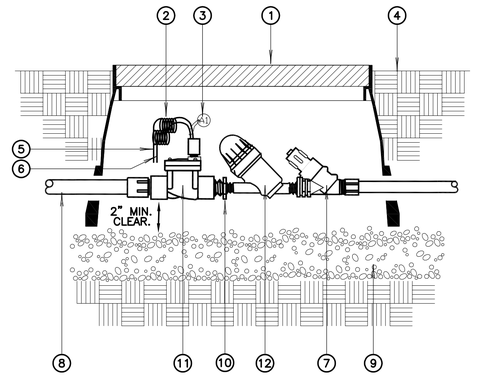
BALL VALVE ASSEMBLY — SCALE NTS — 5



1. ROUND PLASTIC BOX & COVER W/ LOCK TOP MARKED: Q.C.
2. QUICK COUPLER VALVE LOCATE TOP OF VALVE 2" BELOW TOP OF BOX COVER
3. FINISH GRADE
4. 3/4" PEA GRAVEL (MIN. 6" DEPTH)
5. PVC SUPPLY LINE
6. 24" MIN. LENGTH NO. 4 REBAR ATTACH W/ 2 STAINLESS STEEL BANDS.
7. BRASS STREET ELL
8. BRASS NIPPLE (6" MIN.)
9. PVC SCH. 40 TEE OR ELL
10. BRASS NIPPLE. LENGTH AS REQUIRED.

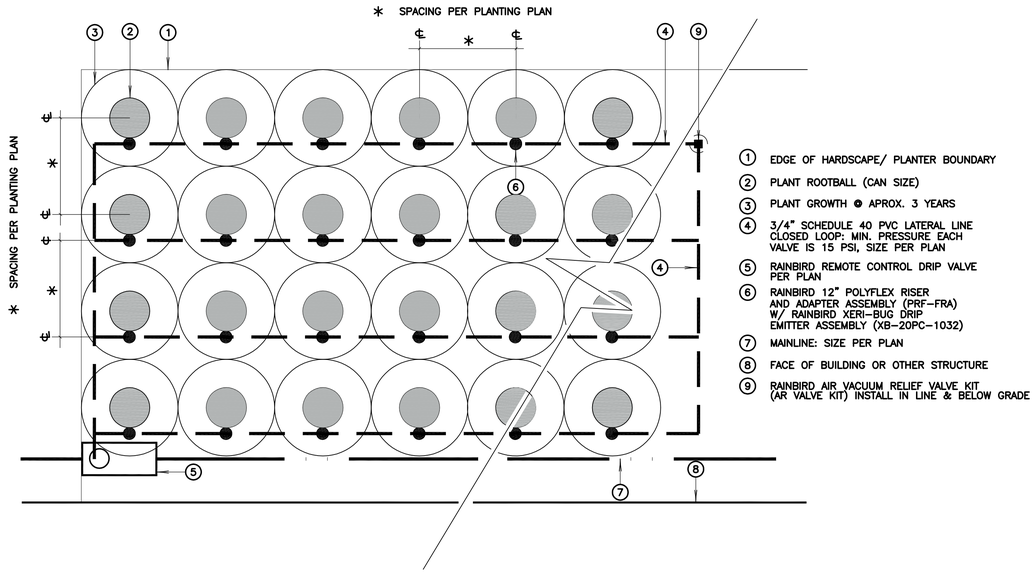
NOTES:
1. SET VALVE BOX FLUSH WITH FINISH GRADE IN TURF AREAS. SET 2" ABOVE FINISH GRADE IN GROUNDCOVER AREAS.

QUICK COUPLER VALVE — SCALE NTS — 3



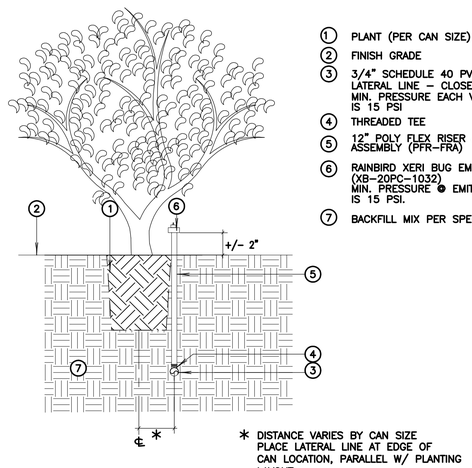
1. 12" X 18" PLASTIC BOX & COVER W/ LOCK TOP MARKED: R.C.V. BOX TO BE PLACED AT RIGHT ANGLE TO HARDSCAPE EDGE.
2. CURL TYPE EXPANSION LOOP (MIN. 24")
3. CHRISTY'S ID. TAG (STND.) SECURE TO SOLENOID WIRES. SEE SPECS.
4. FINISH GRADE
5. COMMON WIRE
6. CONTROL WIRE
7. 3/4" PRESSURE REGULATING VALVE
8. PVC MAINLINE
9. 3/4" PEA GRAVEL (MIN. 6" DEPTH)
10. 1" X 3/4" SCH 40 RED BUSHING TxT
11. ELECTRIC REMOTE CONTROL DRIP VALVE PER LEGEND
12. 3/4" DISC FILTER

REMOTE CONTROL DRIP VALVE — SCALE NTS — 1



1. EDGE OF HARDSCAPE/ PLANTER BOUNDARY
2. PLANT ROOTBALL (CAN SIZE)
3. PLANT GROWTH @ APROX. 3 YEARS
4. 3/4" SCHEDULE 40 PVC LATERAL LINE CLOSED LOOP: MIN. PRESSURE EACH VALVE IS 15 PSI, SIZE PER PLAN
5. RAINBIRD REMOTE CONTROL DRIP VALVE PER PLAN
6. RAINBIRD 12" POLYFLEX RISER AND ADAPTER ASSEMBLY (PRF-FRA) W/ RAINBIRD XERI-BUG DRIP EMITTER ASSEMBLY (XB-20PC-1032)
7. MAINLINE: SIZE PER PLAN
8. FACE OF BUILDING OR OTHER STRUCTURE
9. RAINBIRD AIR VACUUM RELIEF VALVE KIT (AR VALVE KIT) INSTALL IN LINE & BELOW GRADE

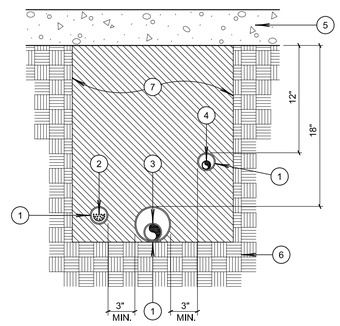
POINT SOURCE DRIP EMITTERS — SCALE NTS — 6



1. PLANT (PER CAN SIZE)
2. FINISH GRADE
3. 3/4" SCHEDULE 40 PVC LATERAL LINE - CLOSED LOOP: MIN. PRESSURE EACH VALVE IS 15 PSI
4. THREADED TEE
5. 12" POLY FLEX RISER & ADAPTER ASSEMBLY (PFR-FRA)
6. RAINBIRD XERI BUG EMITTER ASSEMBLY (XB-20PC-1032) MIN. PRESSURE @ EMITTER IS 15 PSI.
7. BACKFILL MIX PER SPECIFICATIONS

* DISTANCE VARIES BY CAN SIZE PLACE LATERAL LINE AT EDGE OF CAN LOCATION, PARALLEL W/ PLANTING LAYOUT

DRIP EMITTERS — SCALE NTS — 4



1. SLEEVING. SEE SPECIFICATIONS
2. CONTROL WIRES
3. PRESSURE SUPPLY LINE
4. NON-PRESSURE SUPPLY LINE
5. CONCRETE/A.C. PAVING
6. COMPACTED SUBGRADE
7. CLEAN COMPACTED BACKFILL SEE SPECIFICATIONS.

TRENCHING AND SLEEVING DETAIL — SCALE NTS — 2

DATE: 7/20/18
DESIGNED BY: ____
DRAWN BY: SW
CHECKED BY: SW
SCALE: 1"AS SHOWN"

LICENSED LANDSCAPE ARCHITECT — STEPHEN WOOD — Lic. No. 6244 — SIGNATURE 05-05-19 — RENEWAL DATE 07-20-18 — DATE — STATE OF CALIFORNIA

STEPHEN WOOD
LANDSCAPE ARCHITECT
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TRUMP NATIONAL GOLF CLUB
LOT 'D' PRESERVATION AREA

IRRIGATION DETAILS

DRAWING L2.02
SHEET 7
OF 7

2018.08.12.pdf